



## Technical data

### Hei-VAP Value, Hei-VAP Value Digital, Hei-VAP Advantage

Standard supply voltage	230 V/50 Hz or 115 V/60 Hz	
Supply power (W)	1400	
Protection class (DIN EN 60529)	<ul style="list-style-type: none"> <li>▪ IP 20 device</li> <li>▪ IP 67 cable heating bath</li> </ul>	
Lift distance (mm)	155	
Drive	EC motor	
Rotation speed (rpm)	10 - 280	
Speed control	electronic	
Heating bath	<ul style="list-style-type: none"> <li>▪ inner Ø: 253 mm, outer Ø: 291 mm</li> <li>▪ Material: V4A-steel (1.4404) stainless steel X2CrNiMo 17-12-2</li> <li>▪ Volume 4,5 L</li> </ul>	
Heating capacity (W)	1,300	
Temperature range (°C)	20 - 100 H <sub>2</sub> O / 20 - 210 oil	
Temperature control	electronic	
Temperature accuracy	±1	
Heating bath (°C)		
Overtemperature protection heating bath	cut off at 5 °C difference to set temperature	
Overheat protection (°C)	250	
Condensing surface (cm <sup>2</sup> )	1,400	
Airborne noise level	< 85 db(A)	
Permissible ambient conditions	<ul style="list-style-type: none"> <li>▪ 5 - 31 °C at 80 % relative humidity, no condensation</li> <li>▪ 32 - 40 °C linear decrease down to 50 % relative humidity</li> <li>▪ up to 2,000 m (6,500 feet) height above sea level</li> </ul>	
Evaporation rates (L/h) ΔT* = 40°C (continuous operation)	<ul style="list-style-type: none"> <li>▪ Toluene 8,5</li> <li>▪ Acetone 5,8</li> <li>▪ Ethanol 3,5</li> <li>▪ Water 1,2</li> </ul>	
<b>Lift</b>	<b>Manual</b>	<b>Motor</b>
Weight (without glassware) (kg)	14.7	15
Lifting speed (mm/s)	-	25
Dimensions with glassware set G3 (w x d x h) (mm)	739 x 490 x 887	739 x H 420 x 887
<b>Device</b>	<b>Value Digital</b>	<b>Advantage</b>
Display bath temperature (°C)	digital	digital
Display vapor temperature (°C)	-	digital (required: vapor temperature sensor)
Display rotation speed	-	digital
Timer	-	yes

\* ΔT = Difference between heating bath temperature and boiling temperature